

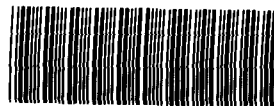
AB100

CORRES. CONTROL
LTR. NO

Originator Ltr Log #



Rocky Mountain
Remediation Services L.L.C.
protecting the environment



000067127

AMT-083-97
97 RF

Rocky Flats Environmental Technology Site
464
Colorado 80402-0464
(303) 966 7000

July 28 1997

Mike Weis
Acting Assistant Manager for
Environmental Restoration
The Department of Energy/Rocky Flats Field Office
Rocky Flats Environmental Technology Site
P O Box 928 Bldg 460
Golden CO 80401

SUBMITTAL OF THE QUARTERLY WELL STATUS REPORT - AMT-083 97

Action None required

A copy of the Well Status Report is attached. This report includes the groundwater monitoring spreadsheet and the Rocky Flats Groundwater Sampling Field Database Spreadsheet for the second quarter of the 1997 Groundwater Monitoring Program.

Please contact Fred Gngsby of Sitewide Actions at extension 7728 if you have any questions.

Ann M Tyson
Vice President
Environmental Restoration

FCG cb

Attachments
As Stated

cc
N I Castaneda DOE/RFFO
P C Halder DOE/RFFO
J M Roberson DOE/RFFO
T G Hedahl Kaiser Hill
N B Sandlin Kaiser Hill
G H Setlock Kaiser Hill



ADMIN RECCRD

SW-A-004338

CORRES. CONTROL

LTR. NO

Originator Ltr Log #

AMT-083-97
97 RF

DIST	LTR	ENC
BENSON, C.A.		
CARMEAN, C.H.		
CRAWFORD A.C.		
DAWSON D		
EDWARDS J.D		
FINDLEY M.E.		
FITZ, R.C		
GUINN, L.A.		
HUGHES, F.P		
REED A.B.		
TYSON, A.M.	✓	✓
WAGNER, M.J		
WHEELER, M.		

J. B. LAW ✓
F. GNGSBY ✓

PMRS RECORDS X X

FOURIES
CONTROL
TRAFFIC
ATS/T130G

CLASSIFICATION
JCN
UNCLASSIFIED ✓
CONFIDENTIAL
SECRET

AUTHORIZED CLASSIFIER
SIGNATURE.

1/1
Date

REPLY TO RF CC NO

ACTION ITEM STATUS
PARTIAL/OPEN
CLOSED

TR APPROVALS

IRIG & TYPIST INITIAL
RC/JP
46468(R 1/97)

1/6

ROCKY FLATS GROUNDWATER SAMPLING FIELD DATABASE

SECOND QUARTER, 1997

AMT-083-97
Page 1 of 3

ALL WELLS SAMPLED ON A SEMI ANNUAL BASIS

Well ID	G d	ZONE	A l y t C o d	N o r t h g	E s t g	W e l l T y p	# f V t	D a t P u g e d	D t S m p l e d	F i l t e r (Y/N)	R e s t r i c t i o n	D p t h T W t	B i l l D p t h	T a l D p t h	D p t h D f f	T p f s	B t t m f s n	L g t h f s m p	S m p l I D #	
3386 M 9	A	5	749950	2085003	R	3	6/17/97	6/18/97	N	PA	7.96	8.85	8.90	0.05	3.86				GW05554TE	2 SS
1986 K 10	A	7	750894	2083296	IOU	1	6/19/97	6/19/97	Y	PA	31.48	68.88	68.92	0.06	37.10				GW05536TE/5589	
2186 J 10	A	7	750855	2082501	IOU	1	6/19/97	6/19/97	Y	PA	23.76	27.00	31.50	6.40	27.00				GW05535TE/5590	
22596 J 10	A	7	751286	2082750		2	6/17/97	6/18/97	Y	PA	13.14	19.50			17.50				GW05534TE/5585	
22696 K 11	A	7	750747	2083516						PA	13.97	19.00	21.21	6.50	17.00					
22796 K 10	A	7	751266	2083740						PA	20.97	26.20	29.10	7.47	23.30					
22896 K 10	A	7	750369	2083393						PA	10.21	13.83	13.87	0.04	6.43					
6186 K 9	A	7	749198	2083717	IOU						8.41	16.04	16.08	0.04	5.20					4 PVC
P207689 M 10	A	5	750398	2085318						PA	DRY	15.38	15.52	0.14	10.23				GW05513TE, t ch dry	4 PVC
P209289 L 10	A	5	750863	2084139	R	2	6/17/97			PA	18.71	32.10	32.13	0.03	18.74					4 PVC
P203389 L 10	A	5	750864	2084130	R					PA		38.36	38.36	0.01						
P209489 L 10	A	11	750991	2084634	R	3	6/17/97	6/18/97	Y	PA	12.87	15.97	16.01	0.04	10.06				GW05562TE/5583	4 PVC
P218389 M 10	A	5	750831	2085048	RC	3	6/17/97	6/18/97	Y	PA	11.58	14.76	14.79	0.03	9.08				GW05512TE	2 PVC
P219189 L 11	A	5	751222	2084010	IOU	3	6/17/97	6/18/97	N	PA	22.83	25.96	26.01	0.05	20.23				GW05561TE	2 PVC
P219489 M 10	A	5	750415	2085651	RC	3	6/17/97	6/18/97	N	PA	9.43	24.39	24.34	0.05						
5887 J 12	B	8	752234	2082531	R						6.62	11.98	12.02	0.04	5.50					2 PVC
1386 N 11	B	5	751857	2086051	RC						7.17	14.06	13.56	0.50	5.13					2
1786 M 11	B	5	751740	2085242	RC						5.56	10.00	12.99	2.99	8.00					2 PVC
23296 O 10	B	2	750683	2087624							5.37	10.40	10.39	0.01	5.66					2 PVC
3786 P 11	B	3	751561	2088854	C						6.30	8.36	8.50	0.15	5.50					2 SS
4087 L 13	B	8	753143	2084823	R	3	6/16/97	6/16/97	N		6.21	8.00	8.28	0.28	3.00				GW05541TE	2 PVC
52894 M 13	B	8	753222	2085099	C	3	6/16/97	6/16/97	DRY	N	DRY	20.00	18.96	1.04	10.00				GW05540TE	2 PVC
52994 M 13	B	8	753196	2085085	C	1	6/16/97			N	11.03	20.55	20.53	0.02	5.14					2 SS
6087 K 12	B	8	752150	2083325	R						12.08	41.47	41.50	0.03	22.30					2 PVC
70193 J 12	B	8	752688	2082674	C						8.53	27.01	26.98	0.03	7.80					2 PVC
70393 J 12	B	8	752090	2082389	C						9.14	48.00	48.01	0.01	24.00					2 PVC
70493 J 12	B	8	752111	2082390	C						8.03	14.02	14.04	0.02	5.00					2 PVC
75992 N 10	B	9	750290	2086628	C						8.35	14.40	14.40	0.00	6.40				GW05549TE	2 PVC
76992 L 12	B	8	752561	2084500	C	2	5/21/97	5/21/97	N		10.09	12.05	12.04	0.01	5.90					2 PVC
77392 L 12	B	8	752243	2084299	C						21.17	24.28	24.30	0.02	13.70					4 PVC
B206989 L 13	B	8	753145	2084835	R						17.54	18.09	18.11	0.02	8.20					4 PVC
B208289 N 11	B	5	751739	2086289	RC						4.14	14.32	14.34	0.02	4.81				GW05556TE	4 PVC
B208789 L 11	B	11	751755	2084450	R	3	6/2/97	6/3/97	Y		4.13	9.94		9.94	4.42					2 PVC
7086 J 7	C	6	747491	2082003	C						23.15	28.19	28.25	0.06	6.87				GW06498TE	2 PVC
10592 K 7	C	1	747716	2083725	C	3	5/27/97	5/28/97	N		6.12	23.70	23.75	0.05	7.83					2 PVC
10692 K 7	C	1	747745	2083638	C						5.92	30.42	30.41	0.01	18.28					2 PVC
35991 L 7	C	1	747797	2084005	C	2	6/2/97	6/3/97	Y		27.45	35.38	35.42	0.04	25.55				GW05531TE	2 PVC
43392 L 8	C	7	748034	2081537	B						10.39	22.01	22.03	0.02	5.33					2 SS
0487 L 8	C	1	747943	2084887	C						41.61	44.69	44.66	0.03	30.30					2 PVC
04991 P 9	C	2	749551	2088844	C						43.30	48.22	50.24	2.02	34.00					2 PVC
05091 P 9	C	2	749594	2088825	C						23.85	26.50	26.50	0.00	20.05				GW05498TE	2 PVC
10792 L 7	C	1	747723	2084363	C	3	5/27/97	5/28/97	N		25.55	33.67	33.66	0.01	7.04				GW05495TE	2 PVC
10992 L 7	C	1	747775	2084780	C	2	5/27/97	5/28/97	N		15.97	21.70	21.89	0.19	12.2					2 PVC
10994 K 7	C	6	747431	2083266	C						22.07	23.02	23.06	0.04	7.77				GW05494TE	2 PVC
10994 K 7	C	6	747431	2083266	C	3	5/27/97	5/28/97	Y											
11092 M 7	C	1	747842	2085079	C						12.62	16.00			14.00					
23096 N 7	C	2	747836	2086086							28.08	27.00			25.00					
23196 O 7	C	2	748060	2087014							13.28	22.73	22.62	0.11	5.34				GW05504TE	2 SS
2987 O 8	C	2	748069	2087362	C	1	5/23/97	5/23/97	Y		24.80	96.55	96.56	0.01	87.67					
3087 O 8	C	2	748090	2087424	C															

ROCKY FLATS GROUNDWATER SAMPLING FIELD DATABASE

SECOND QUARTER, 1997

ALL WELLS SAMPLED ON A SEMI ANNUAL BASIS

Well ID	G d	ZONE	A l y t C o d	N r t h i g	F e t g	W e l l T y p	# f V i t	D t P u g e d	D t S m p l d	F l l s t (Y/N)	R t ' c t n	D p t h T W t e r	B e l D p t h	T a l D p t h	D p t h D f f	T p f s	B t t o m f s	L g t h f s m p	S m p l I D #	
38591 L7	C	1	747408	2084659	C	1	6/10/97	DRY	N			10.01	11.84	11.83	0.01	7.68			GW05491TE	
4787 L7	C	1	747779	2084903	C	2	6/10/97	6/11/97	N			11.32	12.37	12.26	0.11	5.67			GW05490TE	2 SS
4887 L7	C	1	747829	2084691	C	3	6/10/97	6/11/97	N			8.28	11.14	11.12	0.02	5.60			GW05488TE	2 PVC
5387 K7	C	1	747985	2083912	C							7.51	9.66	9.71	0.05	5.40				
5587 L7	C	1	747619	2084919	C							8.33	11.45	11.48	0.01	5.39				
6486 M7	C	1	747672	2085610	C							7.10	10.07	10.12	0.05	4.42				2 SS
6586 O7	C	2	747881	2087501	C							18.87	25.56	25.58	0.02	12.26				2 PVC
0386 U10	E	4	750543	2093778	D							13.42	20.29	20.26	0.03	13.40				2 PVC
06491 U11	E	4	751193	2093867	C							5.35	17.00	18.73	1.73	4.60				2 PVC
10294 U2	E	4	742319	2093691	C							8.27	15.56	15.55	0.01	8.40				2 PVC
10394 U4	E	4	744947	2093664	C	1	6/9/97	6/9/97	Y			7.59	19.44	19.37	0.07	7.05			GW05509TE	2 PVC
41591 U8	E	4	748800	2093914	D							9.11	14.00	13.99	0.01					2 PVC
41691 U13	E	4	753470	2093851	D															
3586 N10	F	11	750167	2086219	C							5.87	11.50			8.50			GW05507TE	
22956 L9	F	3	749188	2084557	C	1	6/4/97	6/4/97	Y	PA		7.06	17.77	17.80	0.03	10.07			GW05529TE	2 PVC
P114389 I10	F	7	750990	2081739	IOU	2	6/3/97	6/4/97	Y			7.96	15.71	15.75	0.04	9.65			GW05528TE	2 PVC
P313589 K8	F	7	748510	2083547	IOU	2	6/2/97	6/3/97	Y			13.27	16.71	16.74	0.03	11.11				2 PVC
P314289 K8	F	7	748216	2083280	IOU	2	6/2/97	6/3/97	Y			28.91	35.56	35.56	0.00	30.28			GW05526TE	2 PVC
P416899 J8	F	7	748147	2081941	IOU	2	6/2/97	6/4/97	Y			26.14	30.17	30.21	0.04	24.48			GW05525TE	2 PVC
P416799 J8	F	7	748206	2082382	IOU	2	6/3/97	6/4/97	Y			17.96	23.54	23.69	0.15	17.86				2 PVC
P416899 J8	F	7	748206	2082815	IOU															2 PVC
00491 N8	G	2	748845	2088807	C	1	5/20/97	5/20/97	Y			13.42	21.64	21.65	0.01	9.30			GW05558TE	2 PVC
04591 P9	G	2	749286	2088034	C							45.01	48.64	48.60	0.04	36.10				2 PVC
07391 M8	G	2	748548	2085827	C							RCA	8.55	15.58	15.58	0.00	7.40			2 PVC
08091 O9	G	9	749671	2087795	C							E SF	19.56	20.49	20.46	0.03	11.30			2 PVC
10194 P9	G	2	749121	2088284	C							39.00	54.20	44.87	9.33	30.80				2 PVC
6286 M8	G	2	748143	2085725	C							29.71	36.86	36.86	0.00	26.75				2 SS
6386 M8	G	2	748145	2085753	C							14.21	17.12	17.12	0.00	5.12				2 PVC
3687 O9	H	2	749979	2087295	C							34.47	62.11	60.87	1.24					2 PVC
05391 P10	H	2	750153	2088298	C							34.60	39.51	39.53	0.02	27.10				2 PVC
05891 O10	H	2	750053	2087621	C								39.78	39.80	0.02					2 PVC
06091 P10	H	2	750405	2088963	C							37.02	45.21	45.30	0.09	30.70				2 PVC
11891 N10	H	2	750033	2086999	C								32.95	32.97	0.02					2 PVC
12191 N9	H	2	749774	2086949	C								37.16	37.15	0.01					2 PVC
03991 P10	H	2	750401	2088449	C	1	6/11/97	6/11/97	Y			35.19	41.75	41.76	0.01	5.09			GW05521(78,79)TE	2 PVC
04091 P10	H	2	750730	2088690	C							37.27	40.15	40.15	0.00	30.00				2 PVC
12691 O-9	H	2	749952	2087419	C							32.34	67.23	67.18	0.05	50.10				2 PVC
4387						2	6/28/97	6/29/97	Y			8.81							GW05576TE	
38191						1	6/28/97	6/28/97	Y			9.07							GW05574TE	
38291						2	6/28/97	6/28/97	Y			10.14							GW05575TE	

ROCKY FLATS GROUNDWATER SAMPLING FIELD DATABASE																			
SECOND QUARTER, 1997																			
ALL WELLS SAMPLED ON A SEMI ANNUAL BASIS																			
Well ID	G id	ZONE	A lyt Cod	North' g	Easting	Well Type	# f Vi lt	D t Pu ged	D t Sampled	Full Set (Y/N)	R striction	D pth T Water	B eli D pth	T tal D pth	Depth Diff	Top of Scr en	B ttom f Scr en	L gth f S mp	S mpl ID#
Date Purged				D t W ll Pu ged															
Date Sampled				L t D ta W ll Sampled (DRY If Dry, NS If W ll N t In Progr m)															
Full S t				F ll S t Of S mpl C mpl t d?															
Restrict				A ce R tricti PA=Prot t d Ar RCA=R d t C nt ll d A															
Depth To W ter				M d D pth T W tr (DRY If Dry)															
B l D pth				B l ne T tal D pth (A C truct d)															
Tot l Depth				Me r d T tal D pth															
Depth Diff				D pth D ff t l Betwee B l ne T t l D pth And M ued T t l Depth															
T p of Scr n				D pth to Top f W ll Screen															
Bott m f S r n				D pth t bott m f W ll Scr n															
L ngth of S mp				D fference betwe n t t l depth of w ll and bott m f r n															
S mpl ID #				A gned RFP S mpl Number															

DOE GROUNDWATER STATUS REPORT SECOND QUARTER 1997

- 1 Water level measurements were completed on 294 wells. A total of 29 wells were sampled on 86 program wells. Three non program wells were also sampled for Environmental Restoration projects.
- 2 The accompanying table shows the status of the Groundwater Monitoring Program.
- 3 There were no wells added to the Groundwater Monitoring Program and no wells were deleted from the program and no wells were abandoned.

Additions/Deletions/Abandonments of Wells in the Second Quarter 1997

Additions	Deletions	Wells Abandoned
None	None	None

- 4 A spreadsheet of groundwater monitoring activities is enclosed.
- 5 A Second Quarter 1996 Rocky Flats Groundwater Sampling Field Database Spreadsheet is attached in hard copy and on IBM formatted diskette.

Second Quarter 1997

Total Number of Wells in Monitoring Program	Number of Wells Sampled	Number of Wells Added to Sample Program During Quarter	Number of Wells Removed from Sample Program During Quarter	Number of Wells Yielding Partial Studies	Number of Technically Dry Wells Not Developed	Number of Program Wells That Are Dry	No. of Water Level Measurement Completed	Number of Damaged Wells	Number of Wells Abandoned During Quarter
86	32	0	0	8	0	3	480	0	0
Does not include water levels taken during sampling									
Includes 3 non program wells sampled for ER Projects Group									

6/6